

Abstract

Method and apparatus for supplying refrigerated air to a localized volume in a vehicle, suitable for the transport of groceries and other perishables. The localized volume is created by insulated panels in the storage area of a vehicle. The chiller unit includes an air duct that contains inlet and outlet openings, an evaporator core and a fan. The evaporator core receives refrigerant fluid from a powered compressor and a condenser that are shared in common with the HVAC system that serves the passenger compartment. Although the compressor and condenser are shared, the chiller unit is separate and may be used independently of the HVAC system.

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